

ATCC Medium: 1016 Chopped Meat Carbohydrate Medium

Complete Medium

Peptone.....	30.0 g
Yeast Extract.....	5.0 g
K ₂ HPO ₄	5.0 g
Glucose.....	4.0 g
Cellobiose.....	1.0 g
Maltose.....	1.0 g
Starch.....	1.0 g
Rumen fluid.....	150.0 ml
Resazurin Solution (0.025%).....	4.0 ml
Agar (if required).....	15.0 g
Chopped Meat Broth (See Below).....	850 ml

Boil, cool, and add 0.5 grams of Cysteine. Set pH to 7.0. Dispense anaerobically under nitrogen or nitrogen:hydrogen gas. **Dispense in 7 ml volumes** for test tubes. Cap with rubber stoppers and autoclave at 121°C. If meat particles are required, use one part meat per 4-5 parts broth.

Chopped Meat Broth

Ground Beef (fat-free).....	500.0 g
DI Water.....	1000 ml
NaOH (1N).....	25.0 ml

Mix ingredients well. Bring to boil for 5 minutes with stirring. Allow to cool to room temperature and skim fat. Alternatively, you may cool in a refrigerator and remove hardened fat from surface. Filter through cheese cloth and retain both meat particles and the filtrate. Bacteriology should specify whether they want the meat particles in the final medium or not. To the filtrate, add sufficient water to restore volume to 1.0 L.